

Cox Enterprises: Energy Conservation Fact Sheet

Cox Enterprises' national sustainability program, Cox Conserves, focuses on reducing waste and energy consumption, as well as conserving water. The program engages each of the company's major subsidiaries (Cox Communications, Cox Automotive and Cox Media Group) and encourages Cox Enterprises' 50,000 employees and their families to engage in eco-friendly practices.

Cox's Energy Conservation projects save more than 20,000 tons of carbon annually. Below are just a few examples of how Cox and its subsidiaries are lessening their impact on the environment through energy conservation.

Lighting Projects:

- Several Manheim locations now operate large outdoor lighting systems. By creating a centralized control system, operators can now schedule each section of the lot based on activity needs versus lighting the entire area. The systems have been created at Manheim California Auto Auction, Manheim Baltimore-Washington, Manheim Cincinnati, Manheim Fort Lauderdale and Manheim Mississippi - annually preventing 1,400 tons of carbon from entering the environment.
- At the Manheim Dallas-Fort Worth Auction, 100W metal halide lighting fixtures were replaced with 32W vaportight fluorescent fixtures. A lighting operations system with motion-sensors was also created to use lighting only where needed. Combined, these projects annually prevent 79 tons of carbon from entering the environment.
- Manheim's Mountain West Total Resource Auctions location also replaced metal halide lighting fixtures with vaportight fluorescent lighting, annually preventing 24 tons of carbon from entering the environment.
- Manheim Pennsylvania and Manheim New York have been recognized with Lighting Energy Efficiency in Parking (LEEP) Campaign awards for their energy-efficiency projects.
- Incandescent lighting has been replaced with fluorescent at our television studios in Atlanta (WSB-TV), Charlotte (WSOC-TV), Orlando (WFTV-TV) and Seattle (KIRO-TV). Replacing incandescent lighting with fluorescent decreases the heat in the space and requires less cooling. This decreases studio energy consumption by approximately 45 percent.
- WSB-TV's transmission towers were upgraded with new generation LED lighting, which operate at much lower wattage than its previous lamps. This project annually prevents 53 tons of carbon from entering the environment.

Heating, Ventilation and Air Conditioning Projects:

- Cox Media Group's Houston radio group installed a natural geothermal cooling system in one of its four tower sites that decreases electrical consumption by 26,000 watts. The air going into the system is 140 degrees, but returns to the transmitter room at 52 – 80 degrees, depending on the time of year.
- In New England, Cox Communications has an advanced lighting and HVAC control system that automatically shuts down portions of the building during off-hours. This equipment is expected to yield a 30 percent energy savings. Aging boilers were replaced with new energy-efficient boiler systems that reduce energy consumption by 40 percent.



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- In San Diego, Cox Communications upgraded its parking garage ventilation system, which is comprised of two exhaust fans and one make-up air fan. By installing a monitoring system and set of controls, the fans now work on an as-needed basis versus continuously throughout the year. This upgrade annually prevents 100 tons of carbon from entering the environment.
- Several Manheim locations have upgraded fixed-speed air compressors to variable speed drives (VSD) in order to modulate energy consumption to the amount of air needed. The VSD also enables the air compressor to operate at reduced power levels throughout the day. The upgrade has taken place at Manheim Bay Cities, Manheim Hawaii, Manheim Mississippi, Manheim New Orleans, Manheim Orlando and Manheim Pensacola, resulting in an annual reduction of 221 tons of carbon.

Eco-Friendly Building Projects:

- Motion-sensored sinks and lights been placed in buildings throughout the company to lessen Cox Enterprises' use of natural resources. Waterless urinals also decrease Cox's use of water.
- Buildings on Cox's corporate headquarters campus have received LEED Gold and Energy Star certifications. Autotrader is headquartered in a LEED Silver and Energy Star certified facility. Cox Media Group Atlanta met Atlanta's Better Buildings Challenge nearly six years ahead of schedule.
- WPXI-TV in Pittsburgh constructed an eco-friendly building from the ground up. Seventy-five percent of the building has a raised floor, which makes heating and cooling the building 25 percent more efficient. Twenty percent of the building materials came from recycled content, and the hardwood floors are made of bamboo, a fast growing and replenishable wood. A wetland area was created that saw the replanting of sensitive vegetation, and the majority of the landscaped property uses a "no mow" fescue - grass that does not require mowing to cut down on lawn mower emissions.

Additional Conservation Projects:

- Cox Communications, along with other members of the telecom industry, signed a voluntary agreement intended to reduce the amount of energy consumed by video receivers. These changes will improve the efficiency of digital receivers by 10 to 45 percent, depending on receiver type, by 2017 and are expected to save more than \$1 billion on consumer energy bills annually.
- When appropriate, Cox encourages the use of videoconferencing for meetings and events. In two months alone, videoconferencing prevented 12 tons of carbon emissions that would have entered the environment through travel.
- Manheim's Paint Mix Management program enables paint shops to mix only the amount of paint needed for a job, thus reducing unnecessary waste. This action is expected to reduce air pollutants by 10 percent, or 36 tons, nationally. Moving from solvent-based paints to water-based paints is expected to reduce air pollutants by 40 percent, or 145 tons, nationally, and lower volatile organic compounds by 25 percent. Manheim also uses a solvent recycler that reduces solvent usage by roughly 70 percent to 80 percent.
- Cox Enterprises is utilizing an energy storage system at its Manheim Southern California auction location in Fontana, Calif. Stem's 18kW PowerStore system provides the location with real-time data analytics that are used to optimize efficiency and reduce electricity costs.

For more information, please visit CoxConserves.com.

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